

# IS-600S2UP

## 600W 2U Redundant Power Supply



### INTRODUCTION

XEAL dual AC input 2U 600W Redundant Power Supply IS-600S2UP. It offers your server and workstation zero down time with full 600W power redundancy. Active PFC, temperature control fan, hot swappable power modules and load sharing function provide ultimate precision power and safety protection for all electronic equipment. A good start for your mission critical system integrations.

### SPECIFICATION

|                         |            |   |                  |
|-------------------------|------------|---|------------------|
| Model Number            | IS-600S2UP |   |                  |
| RoHS Compliance Version | Yes        |   |                  |
| OutPut Wattage          | 600        |   |                  |
| Efficiency              | Min 75%    |   |                  |
| Dimensions [WxHxD]      | 3.98       | X | 3.31 X 11.42     |
| Dimensions [WxHxD]      | 101.092    | X | 84.074 X 290.068 |

### FEATURE

- Universal Input, Active PFC
- Efficiency: 75% at Full Load
- Industrial Japanese Components 40 deg.C
- Automatic Fan Thermal Control
- Backward Compatibility, -5V Available
- Industrial DIN-Connector for Reliability
- Remote Sensor on +5V & +3.3V
- Power Failure Alarm & Signals
- OPP (Over Power Protection)
- OVP (Over Voltage Protection)

### Connector Type

|                  |    |
|------------------|----|
| Main Connector : | 24 |
| 4 +4 Pin 12V     |    |
| 4 Pin 12V        | 1  |
| 8 Pin EPS 12V    | 1  |
| 8 Pin PCI-E      |    |
| Molex            | 8  |
| SATA             | 4  |
| Floppy           | 2  |
| 6 Pin PCIE       |    |
| 6 +2Pin          |    |

## ■ OutPut Table

### 3.1 Output Current / Loading

The following table defines power and current rating. The power supply shall meet both static and dynamic voltage regulation requirements for minimum load condition.

| Output Voltage | +5V  | +3.3V | +12V | -5V  | -12V | +5VSB |
|----------------|------|-------|------|------|------|-------|
| Max. Load      | 24A  | 24A   | 48A  | 0.5A | 0.8A | 3A    |
| Min. Load      | 1A   | 1A    | 2A   | 0A   | 0A   | 0.1A  |
| Max. Combined  | 180W |       |      |      |      |       |
| Total Output   | 576W |       |      | 2.5W | 9.6W | 15W   |

Table 2– Output Loads Range 1:

Note 1: Maximum continuous total DC output power should not exceed 600 W.